

What is claimed is:

1. A broadcast network for selectively transmitting individualized output signals to at least one of a plurality of communicator devices remotely located from the broadcast network, the broadcast network comprising:
  - a user input database containing a plurality of user-defined parameters with each of the user-defined parameters including a user profile, the user profile in each of the user-defined parameters including a user identifier code identifying a communicator device associated with a particular user, at least one of the user defined parameters is a spatial range identifier;
  - a communicator location database containing real-time data indicative of the spatial locations of the communicator devices;
  - an analysis unit automatically and continuously comparing the spatial locations of the communicator devices contained in the communicator location database with data to generate individualized output signals; and
  - a communication network receiving the individualized output signals and transmitting the individualized output signals to the communicator devices identified by the user identifier codes.

2. The broadcast network of claim 1 wherein the communication network transmits individualized output signals to the particular communicator device via a mobile telephone network.

3. The broadcast network of claim 1 wherein at least one of the user identifier codes identifies a mobile phone.

4. The broadcast network of claim 1 wherein at least one of the user identifier codes identifies a pager.

5. The broadcast network of claim 1 wherein at least one of the user identifier codes identifies a laptop computer.

6. The broadcast network of claim 1 wherein at least one of the user identifier codes identifies a personal digital assistant.

7. The broadcast network of claim 1, wherein the individualized output signal includes a video data signal.

8. The broadcast network of claim 7, wherein the video data signal includes an animated graphic file.

9. The broadcast network of claim 7, wherein the video data signal is a digital file.

10. A broadcast network for selectively transmitting individualized output signals to a plurality of communicator devices remotely located from the broadcast network, the broadcast network comprising:

- a user input database containing a plurality of user-defined parameters with each of the user-defined parameters including at least one spatial location identifier, and a user profile, the user profile in each of the user-defined parameters including a user identifier code identifying a communicator device associated with a particular user and at least one content identifier, at least one of the user defined parameters is a spatial range identifier;

- an analysis unit automatically and continuously comparing the user-defined parameters with the data and predictions of events so as to generate individualized output signal for a plurality of user-defined parameters responsive to the content identifiers corresponding to real-time data in the spatial location identified by the spatial location identifier; and

- a communication network receiving the user identifier codes in the user-defined parameters and transmitting the individualized output

signals to the particular communicator devices identified by the user identifier codes.

11. The broadcast network of claim 10 wherein the communication network transmits individualized output signals to the particular communicator device via a mobile telephone network.

12. The broadcast network of claim 10 wherein at least one of the user identifier codes identifies a mobile phone.

13. The broadcast network of claim 10 wherein at least one of the user identifier codes identifies a pager.

14. The broadcast network of claim 10 wherein at least one of the user identifier codes identifies a laptop computer.

15. The broadcast network of claim 10 wherein at least one of the user identifier codes identifies a personal digital assistant.

16. A broadcast network for selectively transmitting individualized output signals to a plurality of communicator devices remotely located from the broadcast network, the broadcast network comprising:

a user input database containing a plurality of user-defined parameters with the user-defined parameters including at least one spatial location identifier, a spatial range identifier, a time identifier, a content identifier, and a user profile, the user profile in each of the user-defined parameters including a user identifier code identifying a communicator device associated with a particular user;

an analysis unit automatically and repeatedly comparing the user-defined parameters with the real-time data to generate an individualized output signal; and

a communication network receiving the user identifier codes in the user-defined parameters and transmitting the individualized output signals to the communicator devices identified by the user identifier codes.

17. The broadcast network of claim 16 wherein the communication network transmits individualized output signals to the particular communicator device via a mobile telephone network.

18. The broadcast network of claim 16 wherein at least one of the user identifier codes identifies a mobile phone.

19. The broadcast network of claim 16 wherein at least one of the user identifier codes identifies a pager.

20. The broadcast network of claim 16 wherein at least one of the user identifier codes identifies a laptop computer.

21. The broadcast network of claim 16 wherein at least one of the user identifier codes identify a personal digital assistant.

22. A broadcast network for selectively transmitting individualized output signals to at least one of a plurality of communicator devices remotely located from the broadcast network, the broadcast network comprising:

a user input database containing a plurality of user-defined parameters with each of the user-defined parameters including a content identifier and a user profile, the user profile in each of the user-defined parameters including a user identifier code identifying a communicator device associated with a particular user, at least one of the user defined parameters is a spatial range identifier;

a communicator location database containing real-time data indicative of the spatial locations of the communicator devices;  
an analysis unit automatically and repeatedly comparing the content identifier included in each of the user-defined parameters and the spatial location of each communicator device contained in the communicator location database with real-time data to generate an individualized output signal; and  
a communication network receiving the user identifier codes in the user-defined parameters and the individualized output signals, the communication network transmitting each individualized output signal to the particular communicator devices identified by the user identifier codes.

23. The broadcast network of claim 22 wherein the communication network transmits individualized weather output signals to the particular communicator device via a mobile telephone network.

24. The broadcast network of claim 22 wherein at least one of the user identifier codes identifies a mobile phone.

25. The broadcast network of claim 22 wherein at least one of the user identifier codes identifies a pager.

26. The broadcast network of claim 22 wherein at least one of the user identifier codes identifies a laptop computer.

27. The broadcast network of claim 22 wherein at least one of the user identifier codes identifies a personal digital assistant.

28. The broadcast network of claim 22, wherein the individualized output signal includes a video data signal.

29. The broadcast network of claim 28, wherein the video data signal includes an animated graphic file.

30. The broadcast network of claim 29, wherein the animated graphic file includes a digital file.

31. A method for providing information to a plurality of users located remotely from a broadcast network, comprising the steps of:



receiving a plurality of user-defined parameters by a user input database with at least three of the user-defined parameters including a content identifier, a spatial range identifier, and a user profile, each of the user profiles including a user identifier code identifying a communicator device associated with a particular user; receiving real-time data indicative of the spatial locations of the communicator devices by a communicator location database; comparing, automatically and continuously, the content identifier included in the user-defined parameters and the spatial location of a plurality of communicator devices contained in the communicator location database with real-time data to generate a plurality of individualized output signals; and transmitting each individualized output signal to a different communicator device.

32. The method of claim 31 wherein the communication network transmits individualized output signals to the particular communicator device via a mobile telephone network.

33. The method of claim 31 wherein at least one of the user identifier codes identifies a mobile phone.

34. The method of claim 31 wherein at least one of the user identifier codes identifies a pager.

35. The method of claim 31 wherein at least one of the user identifier codes identifies a laptop computer.

36. The method of claim 31 wherein at least one of the user identifier codes identifies a personal digital assistant.

37. The method of claim 31, further comprising the steps of:  
compiling a data set of a plurality of spatial locations based on at least one content identifier; and  
outputting the data set to at least one of a plurality of vendors.

38. The method of claim 31, further comprising the steps of:  
compiling a data set of a plurality of user profiles based on at least one content identifier;  
outputting the data set to at least one of a plurality of vendors.